

S/N 10/727059

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Applicant: | CARLSON | Examiner: | M. SHIBUYA |
| Serial No.: | 10/727059 | Group Art Unit: | 1639 |
| Filed: | December 2, 2003 | Docket No.: | 14095.0001USC6 |
| Title: | ARTIFICIAL RECEPTORS INCLUDING AMINO ACID DERIVED BUILDING BLOCKS AND METHODS OF MAKING AND USING THEM | | |

This paper is being filed electronically in the U.S. Patent Office

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. At least some of the references were recently cited in a European Search Report mailed May 7, 2007. Enclosed for the Examiner's information is a copy of the European Search Report. Applicant(s) note(s) reference(s) Francis, M. et al., "Combinatorial Approach to the Discovery of Novel Coordination Complexes", *J. Am. Chem. Soc.*, Vol. 37, No. 118, pp. 8983-8984 (1996), Boyce, R. et al., "Peptidosteroidal Receptors for Opioid Peptides, Sequence-Selective Binding Using a Synthetic Receptor Library," *J. Am. Chem. Soc.*, Vol. 116, No. 17, pp. 7955-7956 (1994)", WO 01/18545, and WO 01/01140 listed in the Search Report were previously cited to or by the Examiner.

This statement should be considered because it is submitted after the mailing date of a first Office Action on-the-merits or a first Office Action after filing a Request for Continued Examination under 37 C.F.R. § 1.114 or a CPA under 37 C.F.R. § 1.53(d), but before the mailing date of: i) a final action under 37 C.F.R. § 1.113; ii) a Notice of Allowance under 37 C.F.R. § 1.311; or iii) an action that otherwise closes prosecution on the application. Please charge Deposit Account No. 13-2725 for consideration of the items listed on the enclosed Form 1449.

A copy of any foreign patent document or "Other Document" listed on the Form 1449 is enclosed, in accordance with 37 C.F.R. §1.98(a)(2). Because this application was filed after June

30, 2003, copies of the U.S. Patents and U.S. patent publications listed on the enclosed Form 1449 are not provided.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)):

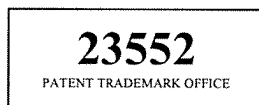
The U.S. Reference 6,875,620 is the English equivalent of the German reference 197 40 263 cited.

Applicants respectfully request that the Examiner consider the Office Actions and Notices of Allowances listed on the Form 1449, even if the Examiner determines that they should not be listed on the face of the patent. Submission of Office Actions and Notices of Allowances was recommended by the Court of Appeals for the Federal Circuit. McKesson Information Solutions, Inc. v. Bridge Medical, Inc. ___ F3d. ___ [2006-1517] (Fed. Cir., May 18, 2007).

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.



Dated: 13 July '07

MTS/ncb

Respectfully submitted,

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By: Mark T. Skoog
Mark T. Skoog
Reg. No.: 40,178

Date: July 13, 2007

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| FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary) | Docket Number: 14095.0001USC6 | Application Number: 10/727,059 |
| | Applicant: CARLSON | |
| | Filing Date: December 2, 2003 | Group Art Unit: 1639 |

| U.S. PATENT DOCUMENTS | | | | | | | |
|--|---------------|---|----------|-------|----------|-------------------------------|----|
| EXAMINER INITIAL | DOCUMENT NO. | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| | 6,875,620 | 04/05/2005 | Schembri | | | 10/31/1996 | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
| | DOCUMENT NO. | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | DE 197 40 263 | 05-07-1998 | Germany | | | See US 6,875,620 | |
| | WO 95/02566 | 01-26-1995 | PCT | | | | |
| | WO 98/12156 | 03-26-1998 | PCT | | | | |
| | WO 00/13017 | 03-09-2000 | PCT | | | | |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) | | | | | | | |
| | | Angers et al., Proc. Natl. Acad. Sci. USA (March 28, 2000), Vol. 97(7), pp 3684-3689 | | | | | |
| | | European Search Report, Application No. 03709250.9 dated May 7, 2007 | | | | | |
| | | Iorio et al., "Highly Sequence Selective Nonmacrocylic Two-armed Receptors for Peptides," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 9, No. 15, 2 August 1999, pp 2145-2150 | | | | | |
| | | Iorio et al., "Sequence-Selective Peptide Detection by Small Synthetic Chemosensors Selected from an Encoded Combinatorial Chemosensor Library," Bioorganic & Medicinal Chemistry Letters, Oxford, GB, Vol. 11, No. 13, 9 July 2001, pp 1635-1638 | | | | | |
| | | Nestler et al., "Combinatorial Libraries: Studies in Molecular Recognition," Combinatorial Chemistry and High Throughput Screening, Hilversum, NL, Vol. 1, No. 3, October 1998, pp 113-126 | | | | | |
| | | Still, "Discovery of Sequence-selective Peptide Binding by Synthetic Receptors Using Encoded Combinatorial Libraries," Accounts of Chemical Research, ACS, Washington, DC, US, Vol. 29, 1996, pp 155-163 | | | | | |
| | | USSN 10/244,727 Office Action (1/25/06) | | | | | |
| | | USSN 10/244,727 Office Action (2/8/06) | | | | | |
| | | USSN 10/244,727 Office Action (2/12/07) | | | | | |
| | | USSN 10/244,727 Office Action (5/17/05) | | | | | |

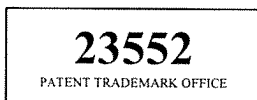
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| EXAMINER | DATE CONSIDERED |
| EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant. | |

Date: July 13, 2007

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| | USSN 10/813,612 Office Action (2/15/07) |
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